



45681

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Michael K. Denk et al.

Attention: Mail Stop Missing Parts

Serial No.: 10/643,090

Filed: August 19, 2003

For: A NEW CLASS OF VOLATILE  
COMPOUNDS FOR THE  
DEPOSITION OF THIN FILMS OF  
METALS AND METAL COMPOUNDS :

**COMPLETION OF APPLICATION UNDER 37 C.F.R. § 1.53**

COMMISSIONER FOR PATENTS

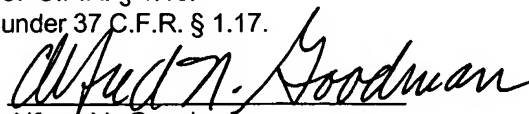
P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Communication dated November 14, 2003, copy attached, submitted herewith are:

- ☒ An executed Declaration and Power of Attorney, attached to the application as filed.
- ☒ An Information Disclosure Statement.
- ☒ Applicant claims small entity status. See 37 CFR 1.27.
- ☒ Filing fee, \$385.00, surcharge \$65.00, and additional claim fee \$305.00.
- ☐ Applicant(s) petition(s) for an extension of \_\_\_\_\_ month(s) to respond and submits herewith the fee of \$\_\_\_\_\_.
- ☒ A check in the amount of \$755.00 is attached.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 18-2220. A duplicate copy of this sheet is attached.
  - ☒ Any additional patent application filing fees under 37 C.F.R. § 1.16.
  - ☒ Any additional patent application processing fees under 37 C.F.R. § 1.17.

  
Alfred N. Goodman  
Reg. No. 26,458

Roylance, Abrams, Berdo & Goodman, L.L.P.  
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Dated: January 14, 2004



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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL**  
**for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 755.00

**Complete if Known**

Application Number	10/643,090
Filing Date	August 19, 2003
First Named Inventor	Michael K. Denk
Examiner Name	
Art Unit	
Attorney Docket No.	45681

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
Deposit Account Name

18-2220

Roylance, Abrams et al.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	385
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ ) 385

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		Extra Claims		Fee from below	Fee Paid
Total Claims	33	-20** =	13	X 9	= 117
Independent Claims	4	-3** =	1	X 43	= 43
Multiple Dependent				145	= 145

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 305

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	65
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 65

**SUBMITTED BY**

(Complete (if applicable))

Name (Print/Type)	Alfred N. Goodman	Registration No. (Attorney/Agent)	26,458	Telephone	202-659-9076
Signature	<i>Alfred N. Goodman</i>	Date	January 14, 2004		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/643,090	08/19/2003	Michael K. Denk	45681

\*OC000000011267473\*

01 FC:2201	43.00	OP
02 FC:2202	117.00	OP
03 FC:2203	145.00	OP
04 FC:2001	385.00	OP
05 FC:2051	65.00	OP

- \$86 for 1 independent claims over 3.
- \$234 for 13 total claims over 20.
- \$290 for multiple dependent claim surcharge.

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Replies should be mailed to: Mail Stop Missing Parts  
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*A copy of this notice **MUST** be returned with the reply.*

N. Nguyen  
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Initial Patent Examination Division (703) 308-1202

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